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Kempston Urban District Council.

REPORTS

OF THE

Medical Officer of Health

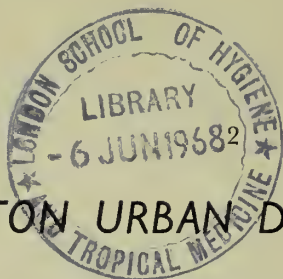
AND OF THE

Sanitary Inspector and Surveyor

FOR

THE YEAR 1945

68043



KEMPSTON URBAN DISTRICT COUNCIL

MR. CHAIRMAN AND GENTLEMEN,

I beg to lay before you the ANNUAL REPORT on the Public Health and Sanitary Conditions prevailing in your District for the year 1945.

This Report has been drawn up in accordance with the Ministry of Health's circular 28/46 dated February 11th, 1946.

SECTION A.

Statistics and Social Conditions of the Area.

Area in Acres	1302
Population, Census for 1931	5488
Registrar General's estimate of resident population up to Mid Year, 1945.....	7692
Number of Inhabited Houses (at end of 1945) according to the Rate Book	2230
Rateable Value.....	£32366
Sum represented by a Penny Rate.....	£130

Social Conditions.

The population consists mainly of people of the working class. A considerable number of men and girls are employed at Engineering Works, at the Chocolate Works and at Electrical Engineering Works. These are all situated in the Borough of Bedford.

The local works comprise a Shoe Factory, Leather Works, Iron Foundry Works, Pattern Makers, Engineering Works and Electrical Engineering works, Electric Lamp Works, Crayon Works, Cardboard Box Factory, Tin Works and Metal Hose Works. A number of men are also employed at the Brick Works south of Kempston.

These are all quite healthy occupations and work is carried on in satisfactory surroundings with due regard to the health of the workers.

Unemployment.

Unemployment has not exercised any adverse influence on the health or physique of the children or adults.

Statistics.

	<i>Total</i>	<i>Male</i>	<i>Female</i>
Live Births—Legitimate.....	178	94	84
Illegitimate	18	12	6
	<hr/>	<hr/>	<hr/>
	196	106	90
	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>

Birth Rate per 1000 of the estimated resident population—25·4

The corresponding figure for England and Wales is 16·1

	<i>Total</i>	<i>Male</i>	<i>Female</i>
Still Births—Legitimate.....	7	3	4
Illegitimate	0	0	0
	<hr/>	<hr/>	<hr/>
	7	3	4
	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>

Rate per 1000 total (live and still) births—30·0

	<i>Total</i>	<i>Male</i>	<i>Female</i>
Deaths.....	87	48	39

giving a death rate of 11·3 per 1000 of the resident population.

The corresponding figure for England and Wales is 11·4

Deaths from Puerperal Causes (Headings 29 and 30 of the Registrar-General's Short List):—

	<i>Deaths</i>
No. 29 Puerperal and Post-Abortion Sepsis	2
No. 30 Other Maternal causes	0

Rate per 1000 total (live and still) births—9·8

Maternal Mortality for England and Wales :—

Abortion with Sepsis ...	0·25	per 1000 (Live and Still) Births.
Abortion without Sepsis	0·08	” ” ” ” ” ” ”
Puerperal Infections ...	0·24	” ” ” ” ” ” ”
Others	1·22	” ” ” ” ” ” ”

Infantile Mortality.

	<i>Total</i>	<i>Male</i>	<i>Female</i>
Death of Infants under one year:—			
Legitimate	5	0	5
Illegitimate	0	0	0

Death Rate of all infants per 1000 live births	24·6
” ” ” Legitimate infants per 1000 legitimate live births.....	25·0
” ” ” Illegitimate infants per 1000 illegitimate live births.....	0

	<i>Male</i>	<i>Female</i>
Deaths from Cancer (all ages)	9	2
„ „ Measles (all ages)	0	0
„ „ Whooping Cough (all ages)	0	0
„ „ Diarrhœa (under 2 years of age)	0	0
„ „ Scarlet Fever (all ages)	0	0
„ „ Diphtheria	0	0

CAUSES OF DEATH.

	<i>M.</i>	<i>F.</i>
1 Typhoid and Paratyphoid Fever	0	0
2 Cerebro-spinal Fever	0	0
3 Scarlet Fever	0	0
4 Whooping Cough	0	0
5 Diphtheria	0	0
6 Tuberculosis of Respiratory system	2	1
7 Other forms of Tuberculosis	2	1
8 Syphilitic diseases	0	0
9 Influenza	0	0
10 Measles	0	0
11 Acute Polio-myelitis and polio-encephalitis	0	0
12 Acute infective encephalitis	0	0
13 Cancer of b. cavity and œsophagus (M.), Uterus (F.)	1 0	0 0
14 Cancer of stomach and duodenum	3	0
15 Cancer of breast	0	0
16 Cancer of all other sites	5	2
17 Diabetes	1	0
18 Intra-cranial vascular lesions	0	3
19 Heart disease	17	17
20 Other diseases of circulatory system	3	3
21 Bronchitis	5	1
22 Pneumonia	2	0
23 Other respiratory diseases	1	1
24 Ulceration of stomach and duodenum	0	0
25 Diarrhœa (under 2 years)	0	0
26 Appendicitis	0	0
27 Other digestive diseases	1	0
28 Nephritis	0	1
29 Puerperal and Post-Abortion sepsis	0	2
30 Other maternal causes	0	0
31 Premature birth	0	2
32 Congenital Malformations, Birth injuries and infantile diseases	0	1
33 Suicide	0	0
34 Road Traffic Accidents	0	0
35 Other violent causes	2	1
36 All other causes	3	3
ALL CAUSES	48	39

SECTION B.

General Provision of Health Services for the Area.

1 (i) MEDICAL OFFICER OF HEALTH—

DR. W. K. PARBURY, M.R.C.S. Eng., L.R.C.P. Ldn., D.P.H. Camb., D.M.R.E. Camb.
(Part time, but devotes whole time to duties of M.O.H.).

SANITARY INSPECTOR, SURVEYOR AND WATER ENGINEER—

MR. C. A. L. SETCHELL, A.M.I.S.E., A.R.SAN.I., M.S.I.A., Cert. S.I.B.,
Cert. Meat Inspection.
(Whole time.)

(ii) (a) LABORATORY FACILITIES—

The cost of the examination of the pathological and bacteriological specimens is undertaken by your Council.
Examined for Diphtheria : 22 Swabs.

(b) AMBULANCE FACILITIES—

(i) For Infectious Diseases a Motor Ambulance is kept at the Oakley Isolation Hospital.

(ii) For Non-Infectious Cases and Accidents a Public Ambulance is kept at the Bedford Fire Station and is available for your district.

I consider these arrangements for Ambulances are quite adequate for the needs of the district. There is an understanding between the neighbouring Authorities that their ambulances would be available in a case of emergency.

(c) NURSING IN THE HOME—

There is a Nursing Association in your District which is run in connection with the Kempston Rural District under the auspices of the Bedfordshire Nursing Association. Nurse Minard and Nurse Clark are the two nurses employed.

(d) CLINICS AND TREATMENT CENTRES—

These are undertaken by the County Council.

The Infant Welfare Clinic is held at the Kempston First Aid Post on every Thursday at 2.30 p.m. and on every Friday at 10 a.m.

The Venereal Disease Clinic is held at the Bedford County Hospital, Ampthill Road entrance. The times at which the Medical Officer attends are Wednesday 5—7 p.m. and Fridays 3—5 p.m.

The Tuberculosis Clinic is held every Wednesday at 2 p.m. at the Dispensary, Dent Road, Ivy Road, Bedford.

(e) HOSPITALS—

There are no hospitals belonging to your authority but patients from your district go to the Bedford County Hospital (a voluntary Hospital) and the St. Peter's Hospital which is under the Public Assistance Authority. There is adequate provision.

(f) MIDWIVES—

The employment and registration of Midwives is undertaken by the County Council.
The number practising in your area is four, including the two employed by the Bedfordshire County Nursing Association.

Their names and addresses are:—

- Nurse Clark, 14 Birchdale Avenue, Kempston.
- Nurse Dix, "Avoca," Wootton Road, Kempston.
- Nurse Minards, 66 Foster Road, Kempston.
- Nurse Sprake, The Elms Nursing Home, Kempston.

(g) LEGISLATION IN FORCE—

Adoptive Acts—

- Public Health Act, 1890.
- Public Health Acts Amendment Act, 1907, Sections 61 and 67.
- Notification of Births Act, 1907.

Bye-Laws and Regulations—

- Prevention of Nuisances.
- Cleansing of Footways.
- New Streets and Buildings.
- Dairies, Cowsheds, Milkshops, etc.
- Slaughter Houses.

SCHOOLS.

There are two schools in your district, both of them are Council Schools.

1. BEDFORD ROAD SCHOOL.

The Senior School has an average of 269 pupils on its roll with an average attendance of 232. The Junior School has on its roll an average of 270 with an average attendance of 236.

The Sanitary arrangements are water-flushed closets, connected with sewer. There are conveniences for six boys, six girls, three infant boys and three infant girls. The water is obtained from the public mains.

There is electric light in both departments.

The Senior School class-rooms are warmed by central heating throughout, those of the Junior School have radiators and open fire places.

2. THE UP END SCHOOL.

The average number of pupils on the roll is 330 with an average attendance of 285.

The sanitary arrangements are water-flushed closets connected with the public sewer. There are two conveniences for boys, four for girls and two for infants.

The water supply is from the main.

There are five class-rooms which are lighted by electricity and are warmed by central heating and radiators.

SECTION C.

ANNUAL REPORT OF YOUR SANITARY INSPECTOR AND SURVEYOR.

1. (i) Water.

The bulk of the water consumed in the District is from the Greensand under the control of the Biggleswade Water Board; Water for the Ampthill Road area is obtained from Bedford Corporation. Both supplies are highly satisfactory as regards quality.

With the exception of the four Bury Cottages, situated on the extreme outskirts, water is supplied from off the Council's mains directly into every dwelling house in the area. Supplies in bulk are afforded to the villages of Cardington and Elstow in the Bedford Rural District, and to the Royal Air Works at Cardington.

There are at present 74 consumer meters in use in the district.

The average daily consumption of water per head of the population is 42 gallons, which is considerably higher than the average daily consumption per head for the country as a whole, and in July the critical position was reached of more water being used than could be pumped from the sources of supply, the daily consumption at that time reaching 600,000 gallons as compared with a normal total daily consumption of 400,000 gallons. Notices were therefore issued to the occupiers of all premises served requesting that the consumption of water be restricted to the absolute minimum and prohibiting the use of water for washing vehicles, watering gardens, etc. Consumption dropped to below the danger mark within a week or two, and with the decrease in personnel at the military establishments served, has remained at a fairly satisfactory figure.

The average daily total consumption for the year was 548,000 gallons.

Total water consumption figures for the year are given in the following table :—

	<i>Gallons</i>
Kempston Urban District	136,065,000
Elstow	2,588,000
Cardington	2,229,000
R.A.W.	58,895,000
Total	<u>199,777,000</u>

No new mains were laid during the year ; eleven house connections were renewed because of defective pipes.

Cold water taps are re-washed free of charge by the Council and during the year 249 received attention.

In December a new 6in. *Kent* recording meter was installed in the new trunk main from Moxhill reservoir.

(ii) Drainage and Sewerage.

Apart from the following premises which are situated in the out-parts of the District, all dwelling houses are connected to the sewers :—

<i>Situation</i>	<i>No. of Premises</i>	<i>Sanitary Arrangements</i>
Sailor's Bridge	2	Pail closets
Mill Cottage	1	"
Kempston Mill	1	Chemical Closets
Bury Cottages	4	Pail Closets
White Lodge	1	Cesspool
Hoo Lodge	1	"
The Mill House	1	"
The Manor	1	"
Manor Cottage	1	"
The Manor Cottages	2	"
Kempston Grange	1	"
Grange Cottages	2	"
The Bury	1	"

No extensions to sewers were carried out during the year.

2. Rivers and Streams.

No complaints have been received of river or stream pollution during the year, and no action has been necessary.

3. (i) Closet Accommodation.

With the exception of a few houses in the outlying parts of the district which have pail or chemical closets all houses have water closets.

(ii) Public Cleansing.

There are no ash-pits or privies in the area. Pail closets are emptied weekly by the Council's men with tank carts, and contents discharged at the sewerage outfall.

The alternate weekly collection of refuse and other salvage from the kerbside has been continued, but in order to improve the system the Council decided in June to discard horse-drawn collection vehicles and to purchase a Battery driven Refuse Collector. From the beginning of December a 7 cu. yds., Morrison-Electricar has been operated with

the result that both refuse and salvage is now collected in one operation from the rear of all premises weekly. A total of 56,578 bins were emptied during the year and approximately 1,344 tons of house refuse disposed of.

Six cesspools were emptied during the year by the Council's tank cart and contents discharged into the outfall at the Sewerage Works.

The following table shews the quantities of salvage sold during the year :—

	<i>Tons</i>	<i>Cwts.</i>
Waste Paper, Books, Cardboard	33	1½
Scrap Iron and Tins	1	9
Non-ferrous Metals	—	5½
Textiles	4	11¼
Rubber	—	1½
Bones	1	13¼
Bottles and Jars	9	10
Cullet	11	10
Manure	14	0
Total	76	2

Revenue from sale of Salvage amounted to £344 19s. 0d.

The emptying of street gullies and street scavenging has been carried out whenever labour was available.

3. (iii) Sanitary Inspection of the Area.

The following table shows the number of inspections made during the year, for all purposes:—

Dwelling-houses inspected and Recorded under the Housing Acts Regulations	16
Ordinary Inspections for housing defects	112
Sanitary routine inspections	207
Inspection of Slaughter-houses and Foodstuffs	36
Visits and re-visits to Council Property relating to reported defects and repairs of same	92
Inspection of Factories and Workshops, including Bake-houses	21
Inspection of Cow-sheds and Dairies	47
Inspection of Petroleum Stores	12
Visits re Infectious Disease	21
Rooms disinfected	10
Inspections under Shops Act	2
Drainage Inspections	64
Drain Tests	39
Caravans	14
Other Miscellaneous visits	102
Water Services	43
Building Bye-laws	295

HOUSING.

The general standard of the housing in the District is good, although properties shew evidence of neglect due to war conditions.

Defects found to exist on inspection were as follows:—

Defective Roofs	...	...	...	...	13
„ Gutters	...	...	...	...	9
„ Downpipes	...	...	...	...	4
„ Chimneys	...	...	...	...	4
„ Chimney Pots	...	...	...	...	3
„ Floors	...	...	...	...	12
„ Windows	...	...	...	...	10
„ Doors	...	...	...	...	6
„ Damp Walls	...	...	...	...	8
„ Walls	...	...	...	...	20
„ Wall Plaster	...	...	...	...	24
„ Ceilings	...	...	...	...	16
„ Grates	...	...	...	...	4
„ Washing Coppers	...	...	...	...	6
Want of internal Cleansing	...	...	...	...	42
„ Stair Guard Rails	...	...	...	...	1
Defective Sinks	...	...	...	...	12
„ Sink waste pipes	...	...	...	...	14
„ Gullies	...	...	...	...	2
„ Drains	...	...	...	...	31
„ W.C. Pedestals	...	...	...	...	14
„ „ Seats	...	...	...	...	19
„ „ Cisterns	...	...	...	...	12
„ „ Service Pipes	...	...	...	...	41
„ „ Soil Pipes	...	...	...	...	3
„ Inspection Chambers	...	...	...	...	14
„ „ „ Covers	...	...	...	...	10
„ Yard Paving	...	...	...	...	6
„ Water Fittings	...	...	...	...	42
Premises without Dust Bins	...	...	...	...	16
Dangerous Wall	...	...	...	...	4

3. (iv) **Shops and Offices.**

No action with regard to shops and offices was found necessary.

3. (v) **Smoke Abatement.**

No action found necessary.

3. (vi) **Swimming Baths and Pools.**

There are no privately owned or other swimming baths open to the public in the District.

3. (vii) Eradication of Bed Bugs.

During the year under review six houses were found to be infested with bugs, all being privately owned.

These were disinfested and two separate methods have been put into operation as follows :—

- (1) Skirting boards and architraves pulled away from walls in all rooms, all floor covering removed and destroyed. Holes bored in ceilings of all rooms. All windows, doors and chimney openings sealed and disinfested by High Concentration of Gas (Cescones).
- (2) Procedure as above, but no openings sealed, and disinfested with a liquid fumigant (Zaldecide), in the form of a spray pressure driven, behind all skirting boards, architraves, picture rails and all other likely places.
- (3) Periodic revisiting is carried out and process repeated where found necessary.

3. Schools.

This subject is referred to by the Medical Officer of Health on pages 6 and 7.

SECTION D.

1. Inspection of Dwelling Houses during the Year.

(1)	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	76
	(b)	Number of inspections made for the purpose	76
(2)	(a)	Number of dwelling-houses (included under the above sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925	16
	(b)	Number of inspections made for the purpose	16
(3)		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil
(4)		Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	72

2. Remedy of Defects during the Year without Service of Formal Notices.

Number of defective houses rendered fit in consequence of informal action by the Local Authority or their officers 76

3. Action under Statutory Powers during the Year.

A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936:—

- | | |
|--|-----|
| (1) Number of dwelling-houses in respect of which notices were served requiring repairs | Nil |
| (2) Number of dwelling-houses which were rendered fit at service of formal notices:— | |
| (a) By owners | Nil |
| (b) By local authority in default of owners ... | Nil |

B.—Proceedings under Public Health Acts:—

- | | |
|--|-----|
| (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied | 7 |
| (2) Number of dwelling-houses in which defects were remedied after service of formal notices: | |
| (a) By owners | 7 |
| (b) By local authority in default of owners ... | Nil |

C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936:—

- | | |
|--|-----|
| (1) Number of dwelling-houses in respect of which Demolition Orders were made | Nil |
| (2) Number of dwelling-houses demolished in pursuance of Demolition Orders | Nil |

D.—Proceedings under Section 12 of the Housing Act, 1936:—

- | | |
|--|-----|
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made | Nil |
| (2) Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenement or room having been rendered fit | Nil |

4. Housing Act, 1936—Part IV—Overcrowding.

Due to War-time conditions of Military Billeting, civil evacuation and lack of alternative accommodation no action has been taken under this Part, although records of known cases are maintained, and fresh cases are continually being discovered.

SURVEYOR'S INSPECTIONS OF BUILDING WORKS IN PROGRESS DURING THE YEAR.

Sewage Disposal	...	...	...	...	...	76
Surface Water Drains	...	...	...	...	...	92
New Streets and Sewers	...	...	...	...	...	186
Footings and Foundations	...	...	...	...	...	42
Concrete to Foundations and Footings	...	...	...	...	...	42
Damp Course	...	...	...	...	...	31
Drains	...	...	...	...	...	62
Work in course of construction	...	...	...	...	...	312
Alterations and additions to existing properties	...	...	...	...	...	47
Houses to be inhabited	...	...	...	...	...	Nil

Number of New Houses erected during the Year.

1. By the Local Authority	...	...	...	...	Nil
2. By other Local Authorities	...	...	...	...	Nil
3. By other bodies or persons	...	...	...	...	Nil

Plans Approved.

Dwelling Houses	...	...	...	...	22
Garages	...	...	...	...	13
Outbuildings	...	...	...	...	14
Extensions or alterations to existing buildings...	...	...	...	...	11
Factories and Shops	...	...	...	...	4

SECTION E.

Inspection and Supervision of Food.

(a) Milk Supply.

There are 10 dairy premises and 6 cowsheds in the district to which 47 visits were made. Visits to cowsheds have been made during milking hours and suggestions given for the purpose of encouraging clean methods and for necessary care to be taken in the production and handling of milk.

During the year the following defects in cowsheds and Dairies have been discovered and remedied.

Defective drainage	...	...	...	...	1
„ yard paving	...	...	...	...	3
Want of internal Limewashing	...	...	...	...	6

Three Licences to retail designated milk in the District were issued during the year.

An application for a licence to pasteurise milk was refused because of unsatisfactory plant and inability to produce samples which complied with the requisite standard laid down by the Order. The dairying company concerned have in hand plans for renewing their plant and remodelling their premises.

(b) **Meat and Other Foods.**

The slaughtering of food animals in this area was discontinued on the 15th of January, 1940, under the Livestock (Restriction on Slaughtering) Order, 1940.

Two Slaughter Houses are licensed in this area but have only been used during the period under review for the slaughter of pigs belonging to "self suppliers" from areas outside the radius specified from a Government Slaughterhouse.

Shops, vehicles and places where food is prepared have been duly inspected and found to be in good order.

Voluntary surrender of the undermentioned foodstuffs found to be unfit for human consumption has been made, same having been destroyed under supervision :—

Meat	...	...	...	...	...	112½ lbs.
Tinned Fish	...	...	...	...	...	8 lbs.
Tinned Meat	...	...	...	...	...	24½ lbs.
Eggs	...	...	...	...	...	296
Tinned Beans and Peas	...	...	...	...	...	7 lbs.
Tinned Milk	...	...	...	...	...	4 lbs.
Cheese	...	...	...	...	...	58½ lbs.
Butter	...	...	...	...	...	9½ lbs.
Margarine	...	...	...	...	...	13 lbs.
Bacon	...	...	...	...	...	2 lbs.
Chocolate	...	...	...	...	...	6 lbs.
Dried Prunes	...	...	...	...	...	25 lbs.

- (c) and (d) Samples of foods and drugs are taken by the County Council.
- (e) No action taken to increase the knowledge of the public on the subject of Nutrition.
- (f) There are no shell-fish beds or layings in the district.

Two licences to slaughter animals were granted during the year.

SECTION F.

Disinfection.

Fumigation of rooms has been carried out after all cases of infectious diseases by a dilute spray of Formalin and by Formaldehyde Gas.

An inspection of the house and sanitary arrangements is also made in each case, and notice served to make good any defect that may be found.

Rat and Mice Destruction.

Nine complaints of rat infestation at premises in the district have been investigated and successful measures taken to secure their eradication.

The sewage disposal works and refuse tips are kept under constant supervision and treated periodically with poison baits.

Civil Building Control.

In August local authorities were requested to undertake the licensing of building work, within certain limits, under Defence Regulation 56A, also the granting of licences for private builders to erect small houses. The following table shows the Building Licences issued to the end of the year under review:—

<i>No. of Licences granted for the repair etc., of—</i>						
Dwelling Houses	...	...	...	...	...	25
Value	...	...	...	...	...	£903
<i>No. of Licences granted for the repair of—</i>						
Premises other than Dwelling Houses	...	...	...	...	...	17
Value	...	...	...	...	...	£922
<i>No. of Licences granted for the erection of—</i>						
New Dwellings for Sale	...	...	...	...	...	14
For Letting	...	...	...	...	.....	2
Value	...	...	...	...	...	£17,210

The very considerable work involved in the dealing of applications for Licences and administering Civil Building Control placed a heavy burden on your Officer.

Post-War Problems.

The effects of six years of war has resulted in the accumulation of enormous arrears of work and much effort will be necessary in order to bring a return to normal conditions. The general deterioration of all types of premises, the condition of backyards due to the keeping of poultry and rabbits, the lack of road and path maintenance all give an untidy and depressing appearance and it is obvious that the greatly desired general spring-clean of the District will occupy attention for some time to come.

When this renovation will be attained is impossible to forecast, for the matter is hedged about with the problems of finance and controls, lack of labour and essential materials and the more urgent one of housing the people, so that at the moment not a glimmer of light is seen in the dark vista of the Health Officer's horizon.

C. A. L. SETCHELL,

Surveyor and Sanitary Inspector.

Prevalence of, and Control Over, Infectious and other Diseases.

ISOLATION HOSPITAL ACCOMMODATION—

Patients suffering from notifiable infectious diseases are treated at the Oakley Isolation Hospital which is now administered by a Joint Hospital Board, comprised of members from the Bedford Borough Council, Bedford Rural District Council and the Kempston Urban District Council. The accommodation provided is for sixty-four beds, allowing 2,000 square feet floor space for each bed.

Oakley Isolation Hospital.

Patients in hospital from your District on January 1st, 1945:—

Scarlet Fever	...	...	...	...	...	...	2
Diphtheria	...	...	...	...	...	...	2

Admissions—

Scarlet Fever	...	...	...	...	...	...	1
Diphtheria	...	...	...	...	...	...	9
Erysipelas	...	...	...	...	...	...	0
Other cases	...	...	...	...	...	...	13

Discharges—

Scarlet Fever	...	...	...	...	...	...	2
Diphtheria	...	...	...	...	...	...	8
Erysipelas	...	...	...	...	...	...	0
Other cases	...	...	...	...	...	...	13

Deaths—

Nil.

Number of patients in hospital on December 31st, 1945—

Scarlet Fever	...	...	...	...	...	...	1
Diphtheria	...	...	...	...	...	...	3

Small Pox.

I am glad to report that no case occurred.

Scarlet Fever.

One case has been notified. This patient (aged 5½) was removed to the Isolation Hospital at Clapham.

Diphtheria.

Nine cases were notified. All were treated at the Isolation Hospital. Four cases, ages 24, 18, 50 and 11, occurred in the same household in the first month of the year ; only one (a girl age 11) had been immunised.

In December five cases occurred in two households their ages were 31, 5, 7, 2 years and one 17 months. None of these five had been immunised. All recovered.

Pneumonia.

One case was notified. Two deaths were registered.

Erysipelas.

No cases notified.

Measles.

Seventy-seven cases were reported; forty of these cases occurred between the ages of 5 and 10 years.

Whooping Cough.

Three cases were notified.

School Closures.

No school was closed during the year under review on account of Infectious Diseases.

Non-Notifiable Infectious Diseases.

There have been no epidemics.

Scabies.

Your Council agreed to pay for the cleansing and treatment of cases of Scabies.

The Bedford Borough have consented to cleanse and treat all cases of this disease at a charge of 2/- per treatment. Usually two treatments are sufficient.

During the year under review sixty-eight persons have been cleansed requiring one hundred and twenty-four treatments.

DIPHTHERIA IMMUNISATION.

A number of children have been completely immunised against Diphtheria during the year under review and also during previous years.

I give details below of the progress made.

I. Immunisation in Relation to Child Population.

Number of children who had completed a full course of Immunisation at any time to December 31st, 1945.

Age at 31.12.45 Born in years	Under 1 1945	1 1944	2 1943	3 1942	4 1941	5-9 1936-1940	10-14 1931-1935	Total under 15
Number Immunised	22	125	112	110	85	429	384	1267
Estimated mid-year Population 1945			636			1152		

II. Diphtheria Notifications and Deaths in Relation to immunisation.

NOTIFICATIONS			DEATHS		
Age at date of notification	Number of cases notified	Number of cases included in preceding column in which child had completed full course of Immunisation	Age at date of Death	Number of Deaths	Number of cases included in preceding column in which child had completed full course of Immunisation
Under 1 ...	—	—	Under 1 ...	—	—
1 ...	—	—	1 ...	—	—
2 ...	1	—	2 ...	—	—
3 ...	1	—	3 ...	—	—
4 ...	—	—	4 ...	—	—
5-9 ...	2	—	5-9 ...	—	—
10-14 ...	1	1	10-14 ...	—	—
Totals ...	5	1	Totals ...	—	—

NOTIFIABLE DISEASES.
(Other than Tuberculosis.)

	Measles	Diphtheria	Erysipelas	Pneumonia	Scarlet Fever	Malaria	Whooping Cough	Ophthalmia Neonatorum	Jaundice
Total cases notified	77	9	...	1	1	...	3	...	1
Cases admitted to Hospital...	2	9	...	...	1	...	...	...	1
Total Deaths ... ..	...	...	...	2	...	...	...	...	...
Cases under 1 year	2	...	...	...	...	...	...	...	...
Deaths under 1 year ... ..	...	...	...	...	...	...	...	...	...
Cases 1 to 2 years	4	1	...	...	...	...	1	...	...
Deaths 1 to 2 years ... ..	...	...	...	1	...	...	...	...	...
Cases 2 to 3 years	10	1	...	...	...	...	...	...	...
Deaths 2 to 3 years ... ..	...	...	...	...	...	...	...	...	...
Cases 3 to 4 years	5	...	...	...	...	...	...	...	...
Deaths 3 to 4 years ... ..	...	...	...	...	...	...	...	...	...
Cases 4 to 5 years	10	...	...	...	...	...	...	...	...
Deaths 4 to 5 years ... ..	...	...	...	...	...	...	...	...	...
Cases 5 to 10 years	40	2	...	...	1	...	2	...	...
Deaths 5 to 10 years ... ..	...	...	...	...	...	...	...	...	...
Cases 10 to 15 years	1	1	...	...	...	...	...	...	...
Deaths 10 to 15 years ... ..	...	...	...	...	...	...	...	...	...
Cases 15 to 20 years	1	1	...	...	...	...	...	...	...
Deaths 15 to 20 years ... ..	...	...	...	...	...	...	...	...	...
Cases 20 to 35 years	1	2	...	...	...	...	...	...	1
Deaths 20 to 35 years ... ..	...	...	...	...	...	...	...	...	...
Cases 35 to 45 years	3	...	...	1	...	...	...	...	...
Deaths 35 to 45 years ... ..	...	...	...	...	...	...	...	...	...
Cases 45 to 65 years ... ..	...	1	...	...	...	...	...	...	...
Deaths 45 to 65 years ... ..	...	...	...	...	...	...	...	...	...
Cases 65 years and over ... ..	...	...	...	...	...	...	...	...	...
Deaths 65 years and over ... ..	...	...	...	1	...	...	...	...	...
TOTAL	77	9	...	1	1	...	3	...	1

Cancer.

Eleven deaths of cancer were registered. Nine males and two females.

Distribution of Males:—

1. Buccal Cavity and Oesophagus 1 Age 75.
2. Stomach and Duodenum ... 3 Ages 65, 48, 74.
3. Breast 0
4. All other sites 5 Ages 70, 70, 71, 66, 71.

Distribution of Females:—

1. Uterus 0
2. Stomach and Duodenum ... 0
3. Breast 0
4. All other sites 2 Ages 84, 83.

Prevention of Blindness.

No action was necessary to be taken under Section 176 of the Public Health Act, 1936.

Tuberculosis.

No necessity arose for any action to be taken under the Public Health (Prevention of Tuberculosis) Regulations 1925 (relating to persons in the Milk Trade) or under Section 172 of the Public Health Act 1936 (relating to compulsory removal to Hospital).

TUBERCULOSIS.

New Cases and Mortality.

New Cases.

Deaths.

Age Period	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year ... ..	...	...	...	...	...	...	...	...
1 year to 5 years ... ..	...	...	...	1	...	...	1	2
5 years to 10 years ... ..	...	...	...	...	...	...	...	...
10 years to 15 years ... ..	...	...	...	...	...	...	...	...
15 years to 20 years ... ..	...	1	...	...	...	...	...	...
20 years to 25 years ... ..	...	...	...	...	...	...	...	...
25 years to 35 years	1	1+1*	1*	...	...	...	...	...
35 years to 45 years	1	...	...	...	...	...	...	...
45 years to 55 years ... ..	...	1	...	...	...	1	...	...
55 years to 65 years ... ..	...	...	...	...	...	...	...	...
65 years and over ... ..	...	...	...	...	1	...	...	...
	2	3+1*	1*	1	1	1	1	2

* Re-notifications.

In conclusion, I wish to thank your Clerk, Mr. Townsend, and your Sanitary Inspector, Mr. Setchell, for their assistance in drawing up this report.

I am, Gentlemen,

Your Obedient Servant,

W. K. PARBURY,

M.R.C.S. Eng., L.R.C.P. Ldn.,
D.P.H. Camb., D.M.R.E. Camb.

July, 1946.

